

**AGAWAM**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	19.27	15	78	Male	11.24	7	62
Female	7.77	2	NC*	Female	9.24	3	NC*
Total	27.04	17	63	Total	20.47	10	49 #-
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	6.04	6	99	Male	3.55	6	169
Female	5.45	8	147	Female	3.47	5	144
Total	11.49	14	122	Total	7.02	11	157
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	1.23	2	NC*	Male	14.96	12	80
Female	118.86	119	100	Female	14.05	9	64
Total	120.09	121	101	Total	29.01	21	72
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	7.41	8	108	Male	12.25	9	73
				Female	6.26	5	80
				Total	18.51	14	76
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	48.49	45	93	Female	14.22	10	70
Female	50.03	62	124				
Total	98.52	107	109				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	6.85	7	102	Male	7.24	4	NC*
Female	2.57	1	NC*	Female	8.17	6	73
Total	9.43	8	85	Total	15.40	10	65
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	2.85	4	NC*	Male	115.72	75	65 ^-
Female	2.32	0	NC*				
Total	5.17	4	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	10.91	6	55	Male	8.28	12	145
Female	6.86	8	117	Female	5.40	6	111
Total	17.77	14	79	Total	13.68	18	132
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	6.59	6	91	Male	4.01	2	NC*

Female	1.91	1	NC*				
Total	8.50	7	82				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	8.09	7	87	Male	2.19	1	NC*
Female	6.45	2	NC*	Female	5.91	5	85
Total	14.54	9	62	Total	8.11	6	74
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	3.77	1	NC*				
Female	1.68	1	NC*	Female	22.84	18	79
Total	5.45	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	60.94	47	77	Male	380.67	291	76 ^-
Female	48.11	45	94	Female	376.98	346	92
Total	109.05	92	84	Total	757.65	637	84 ^-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels